Smolt Migration 2005

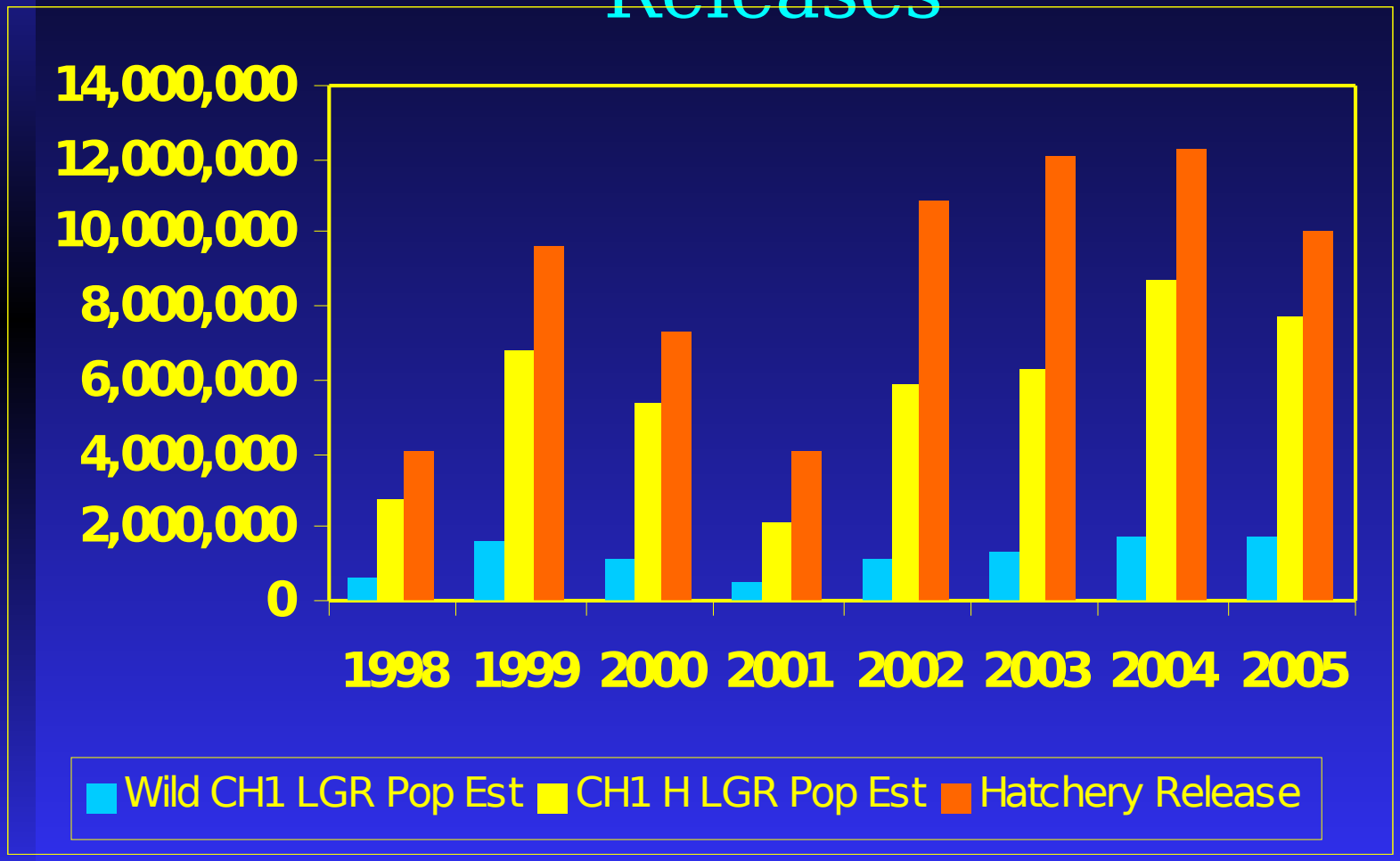
(preliminary results)

Fish Passage Center

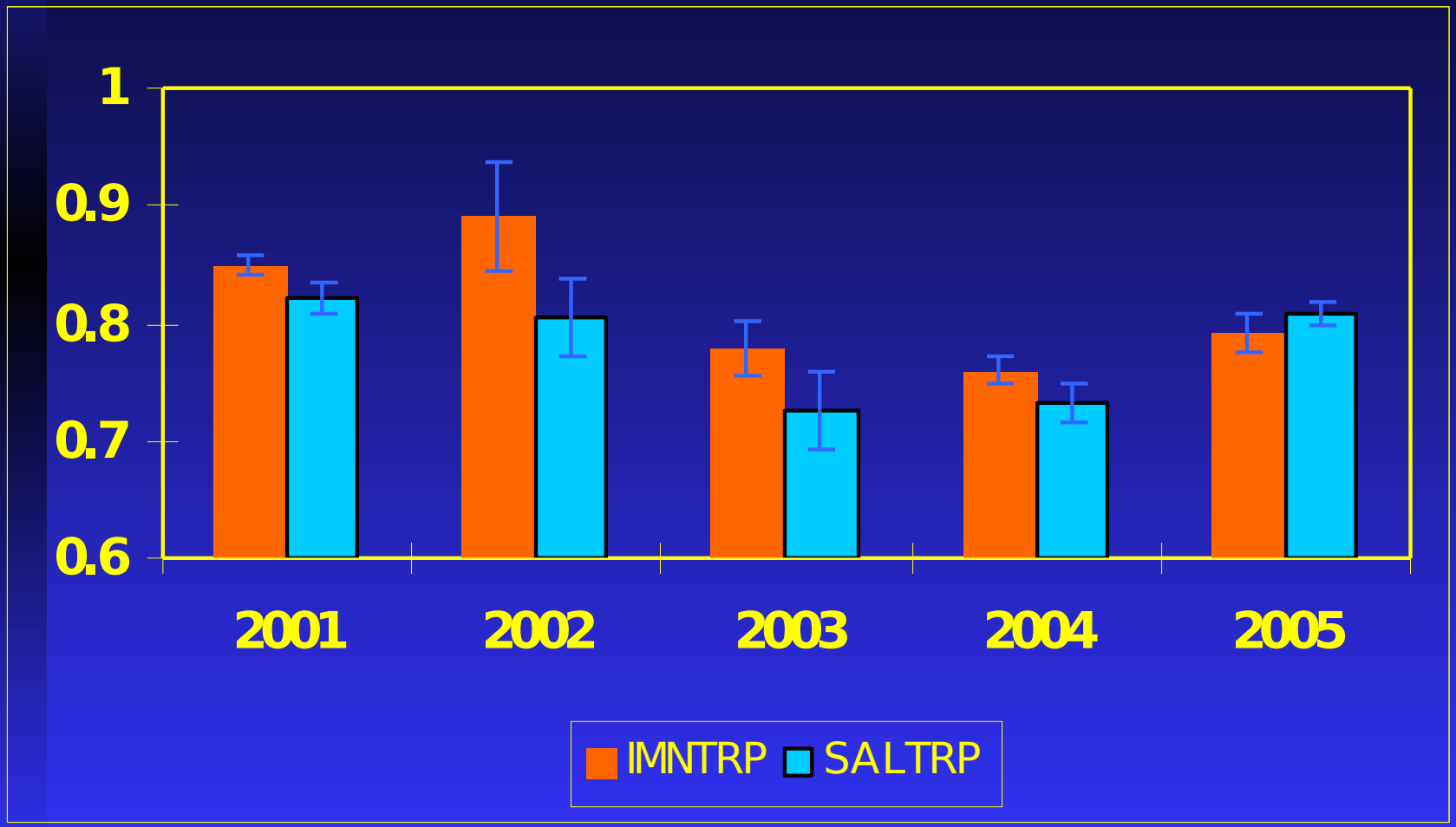
Review of 2005 Smolt Migration

- Run Size
- Timing
- Travel Time
- Survival

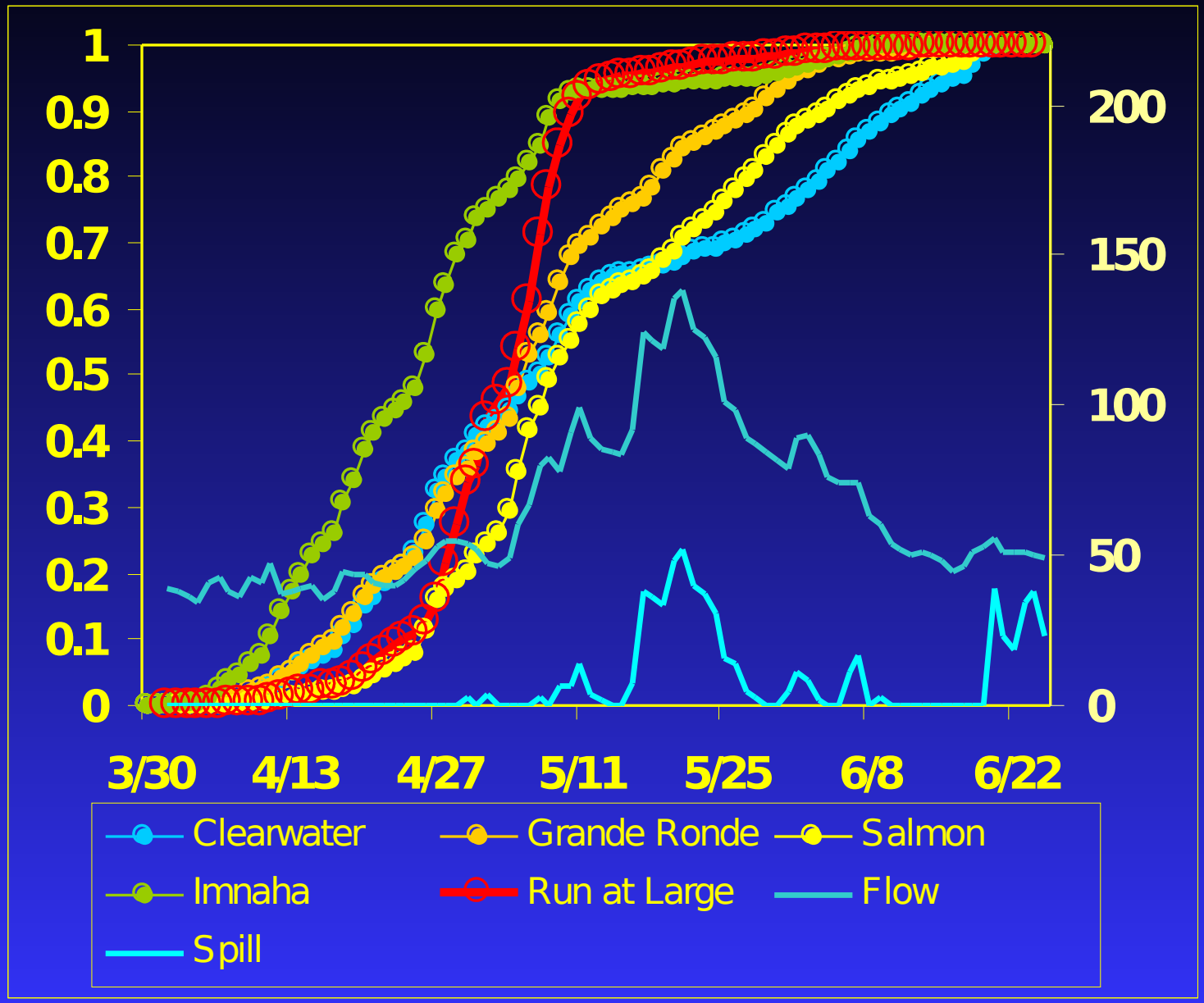
Yearling Chinook Population Index at Lower Granite and Hatchery Releases



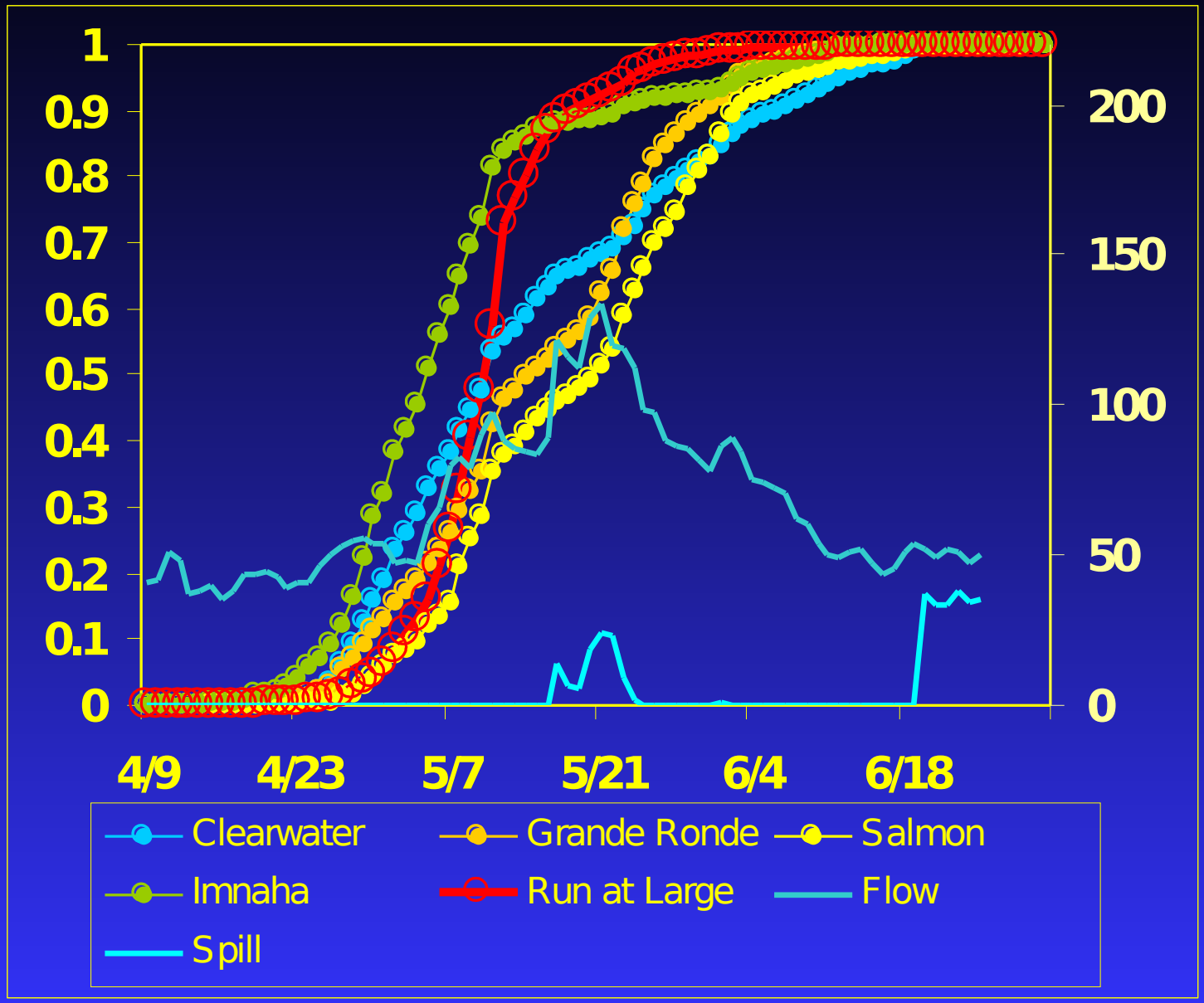
Survival of Wild Yearling Chinook from Traps to LGR



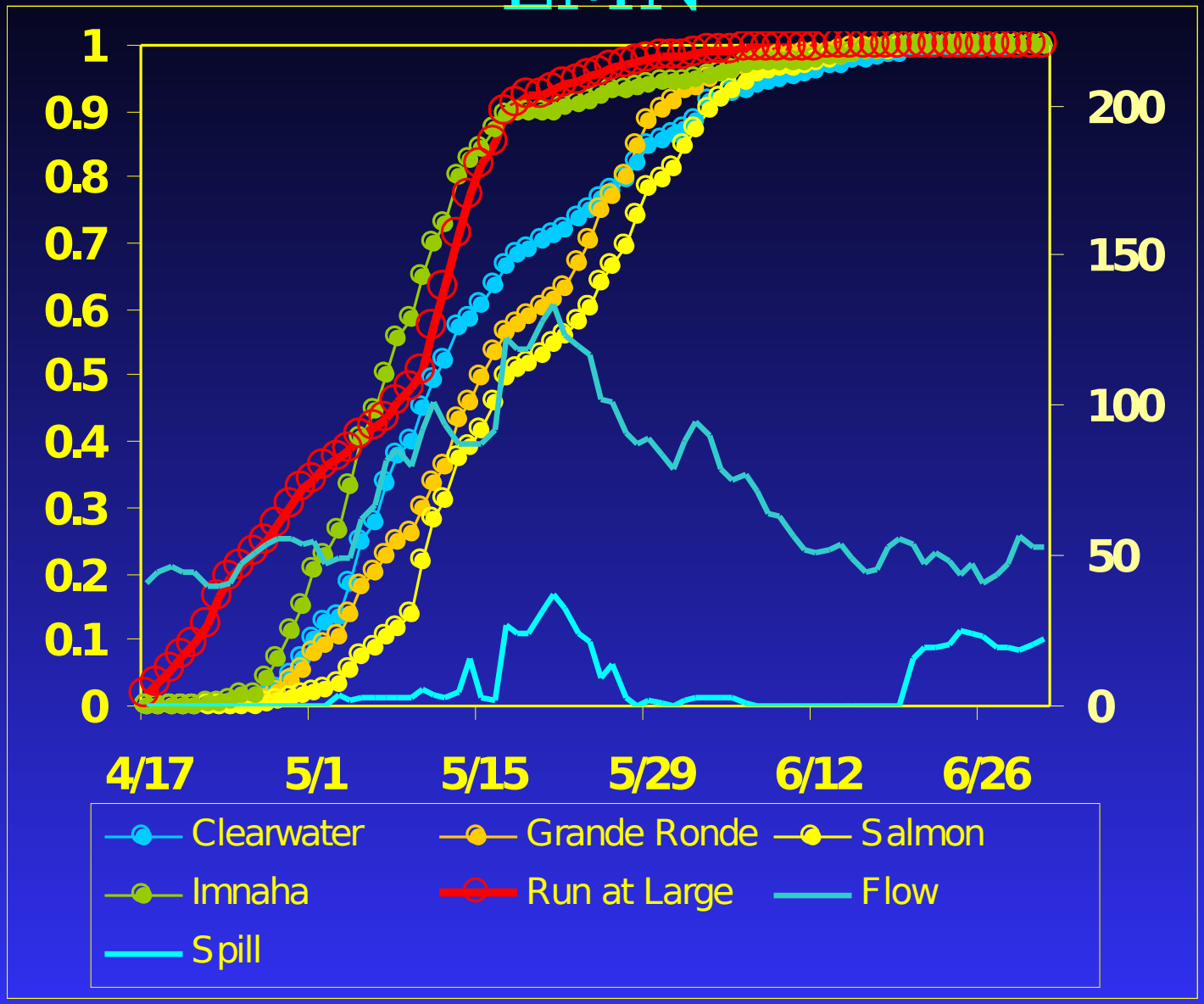
Yearling Chinook Timing at LGR



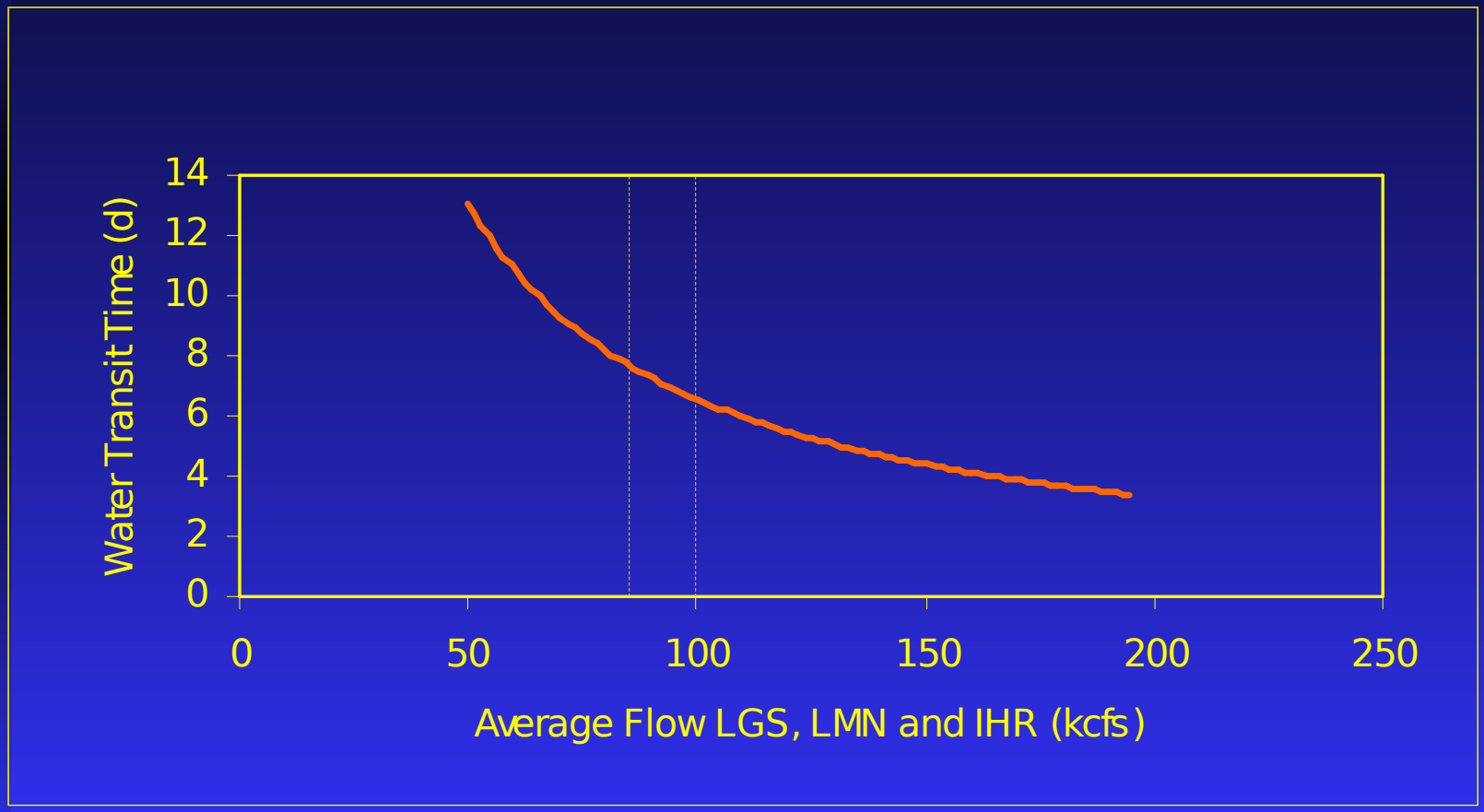
Yearling Chinook Timing at LGS



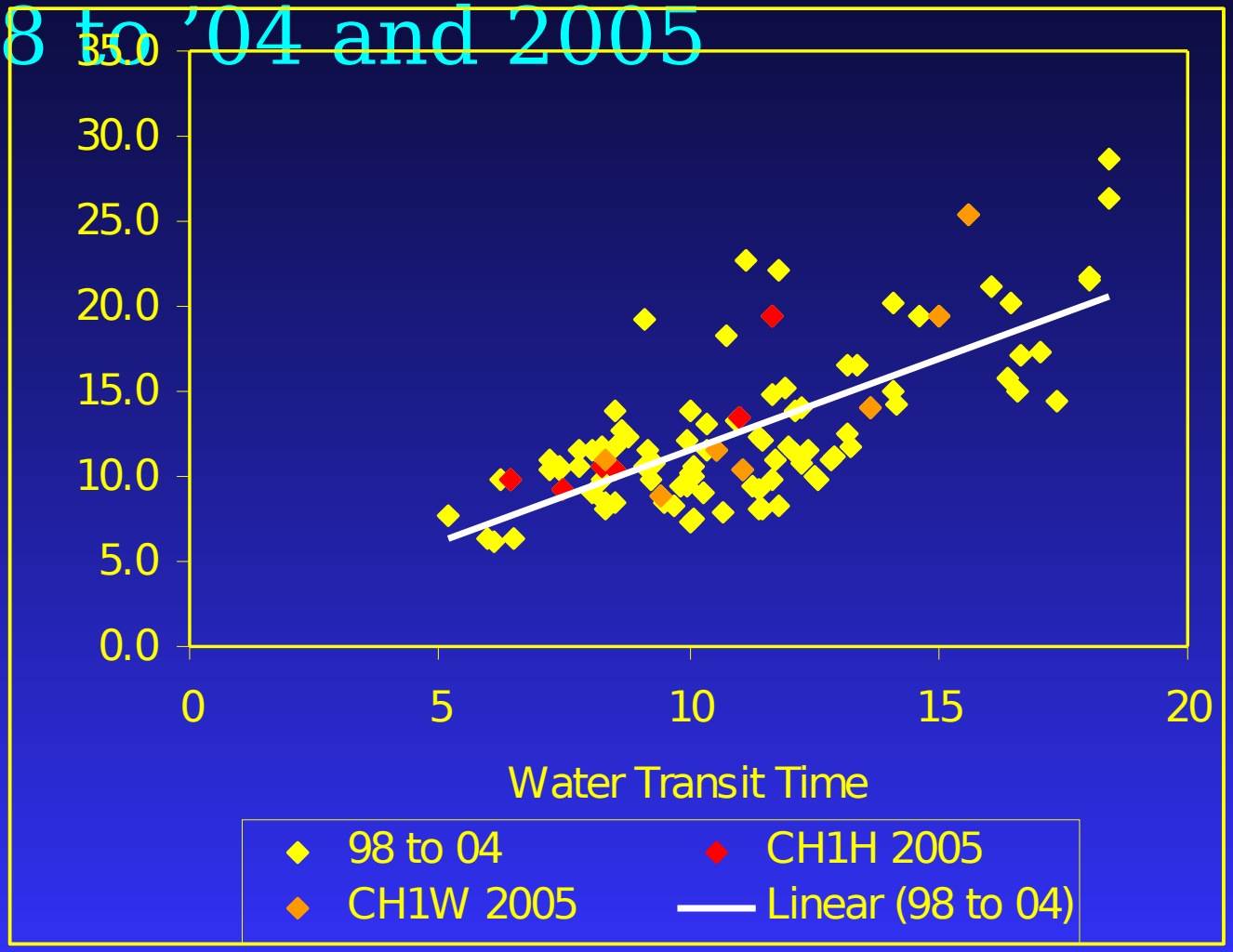
Yearling Chinook Timing at LMN



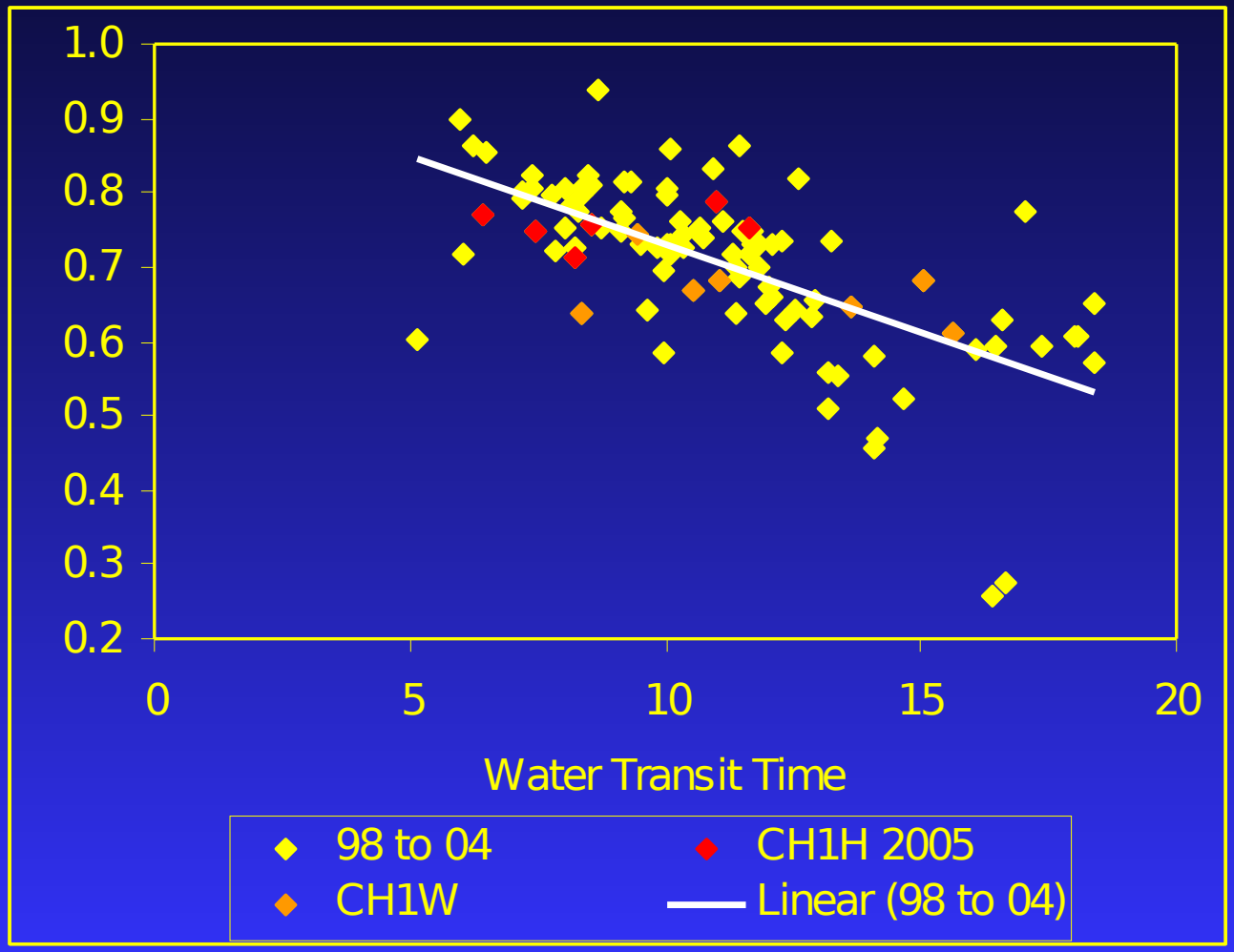
Water Transit Time Lower Granite to Tailwater Ice Harbor Dam versus average flow at LGS, LMN and IHR dams



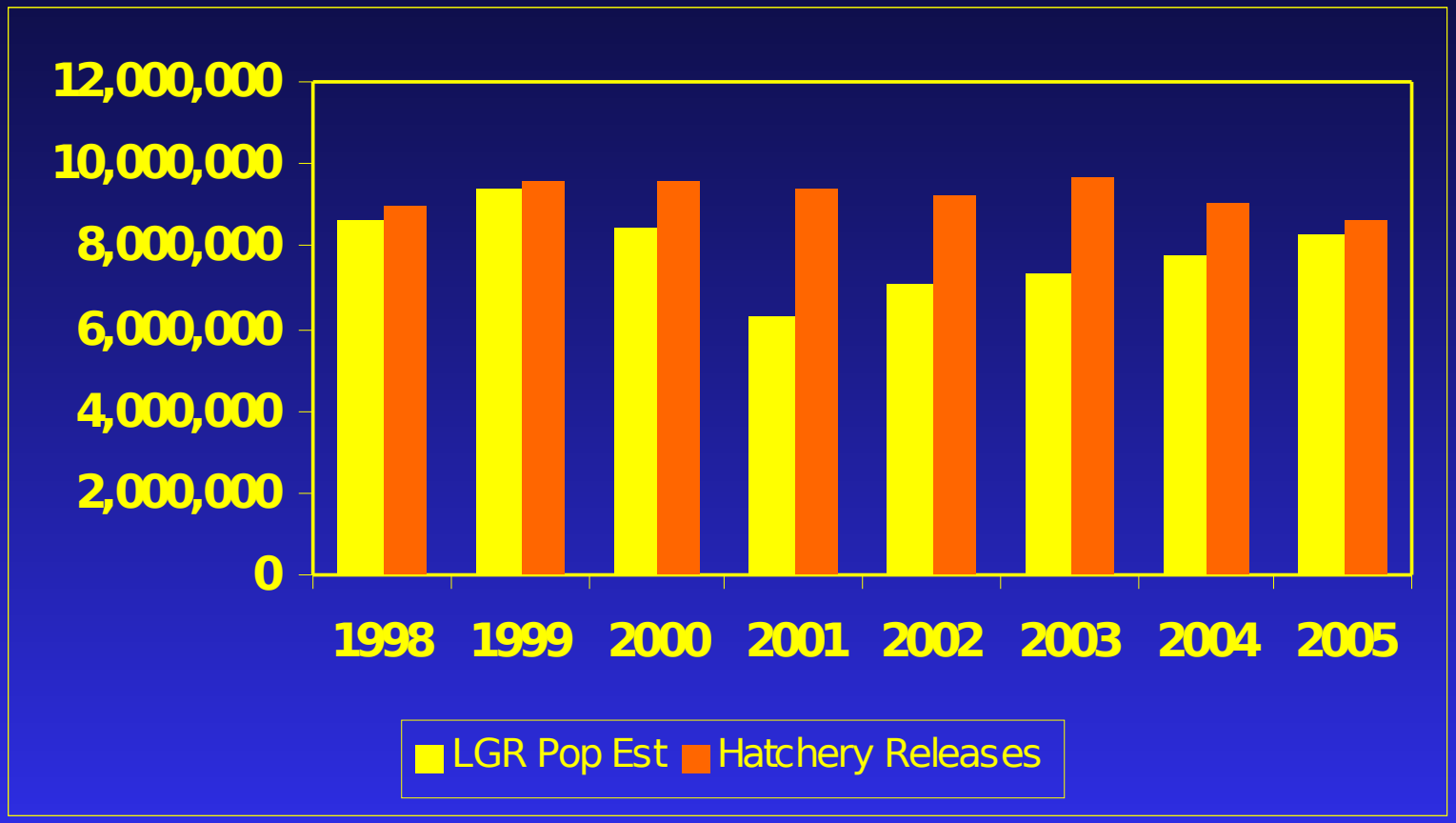
Travel Time LGR to MCN for Hatchery and Wild Yearling Chinook '98 to '04 and 2005



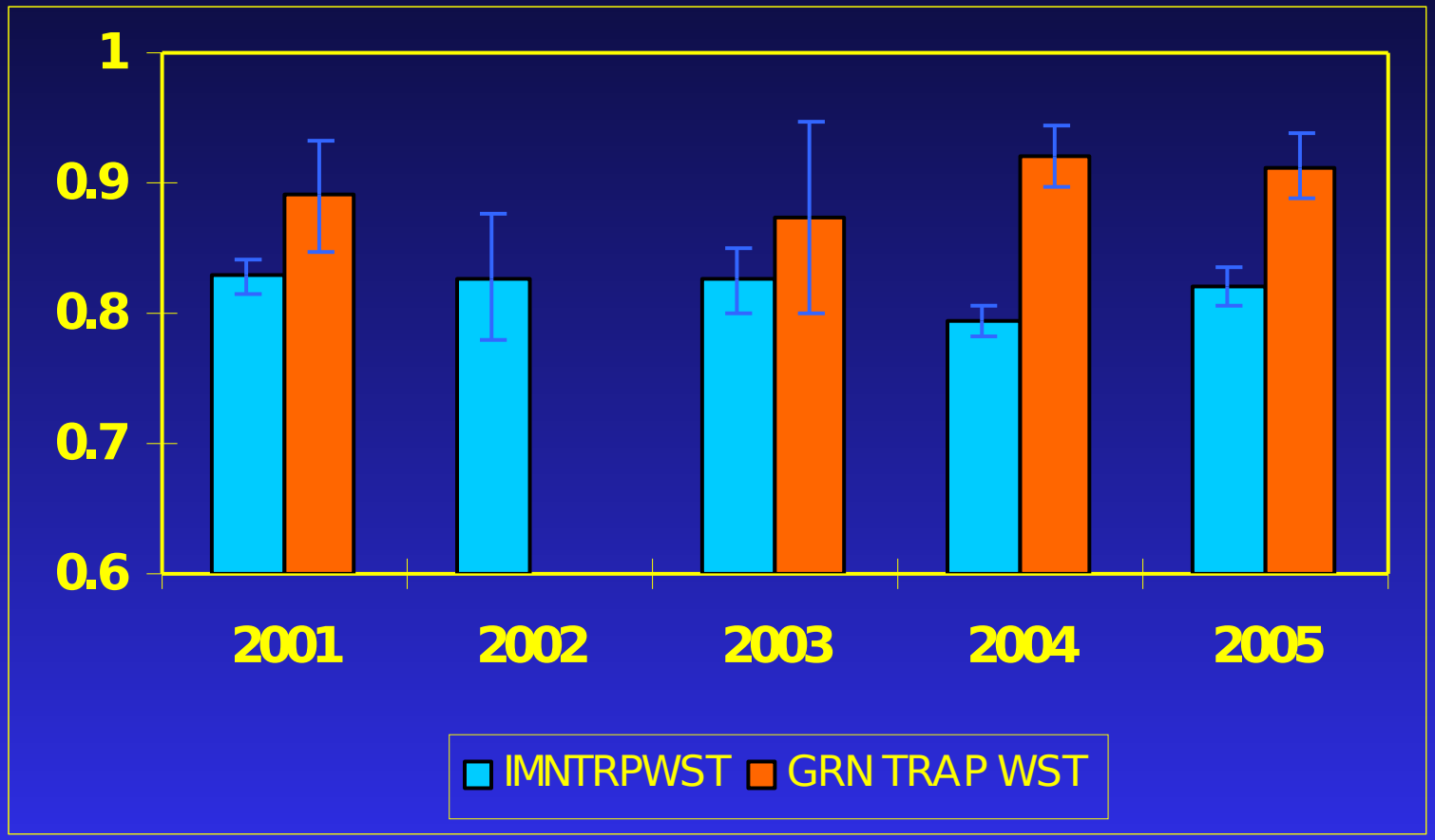
Survival LGR to MCN for Hatchery and Wild Yearling Chinook ‘98 to ’05 and 2005



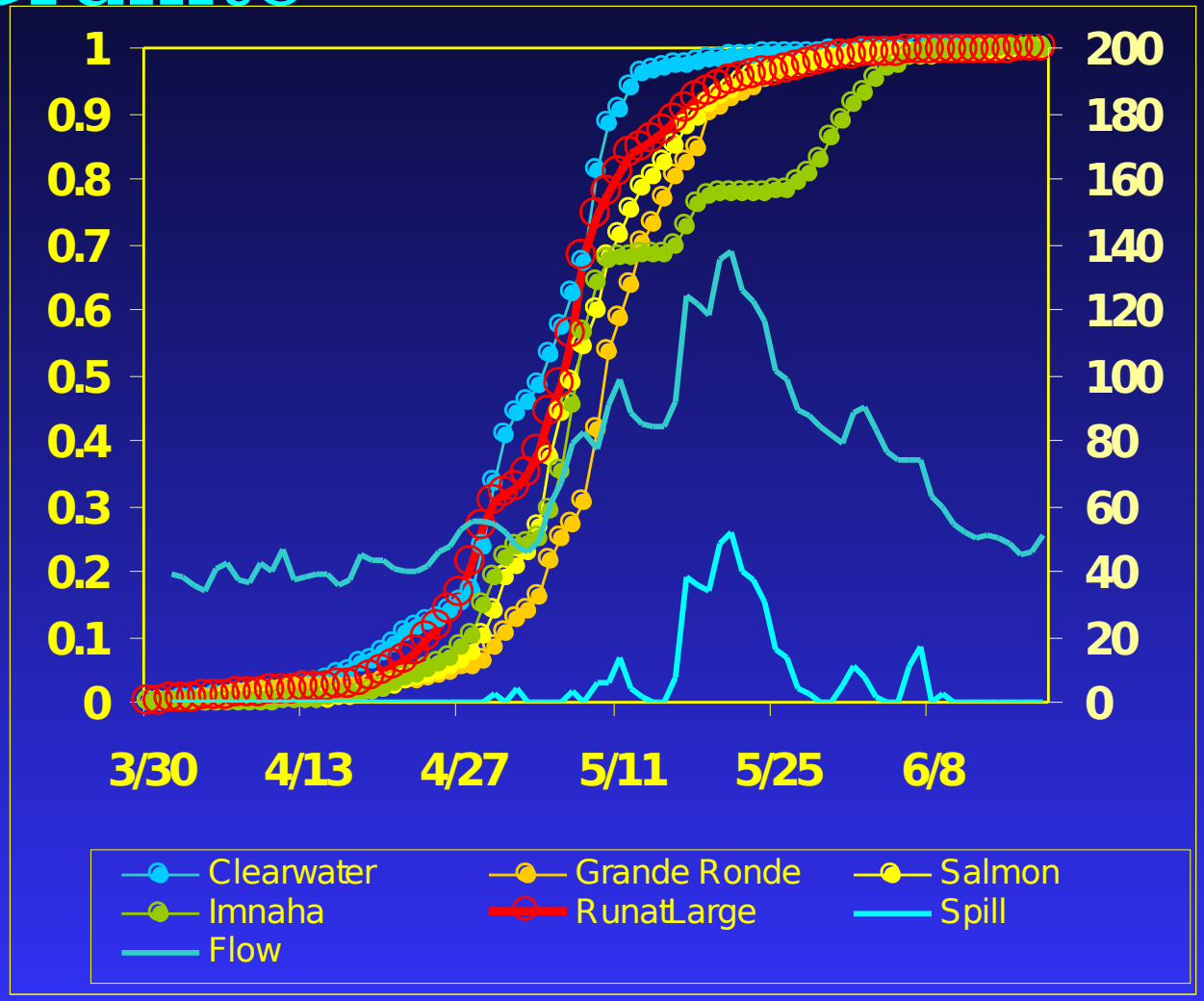
Combined H&W Steelhead Population at Lower Granite and Hatchery Releases



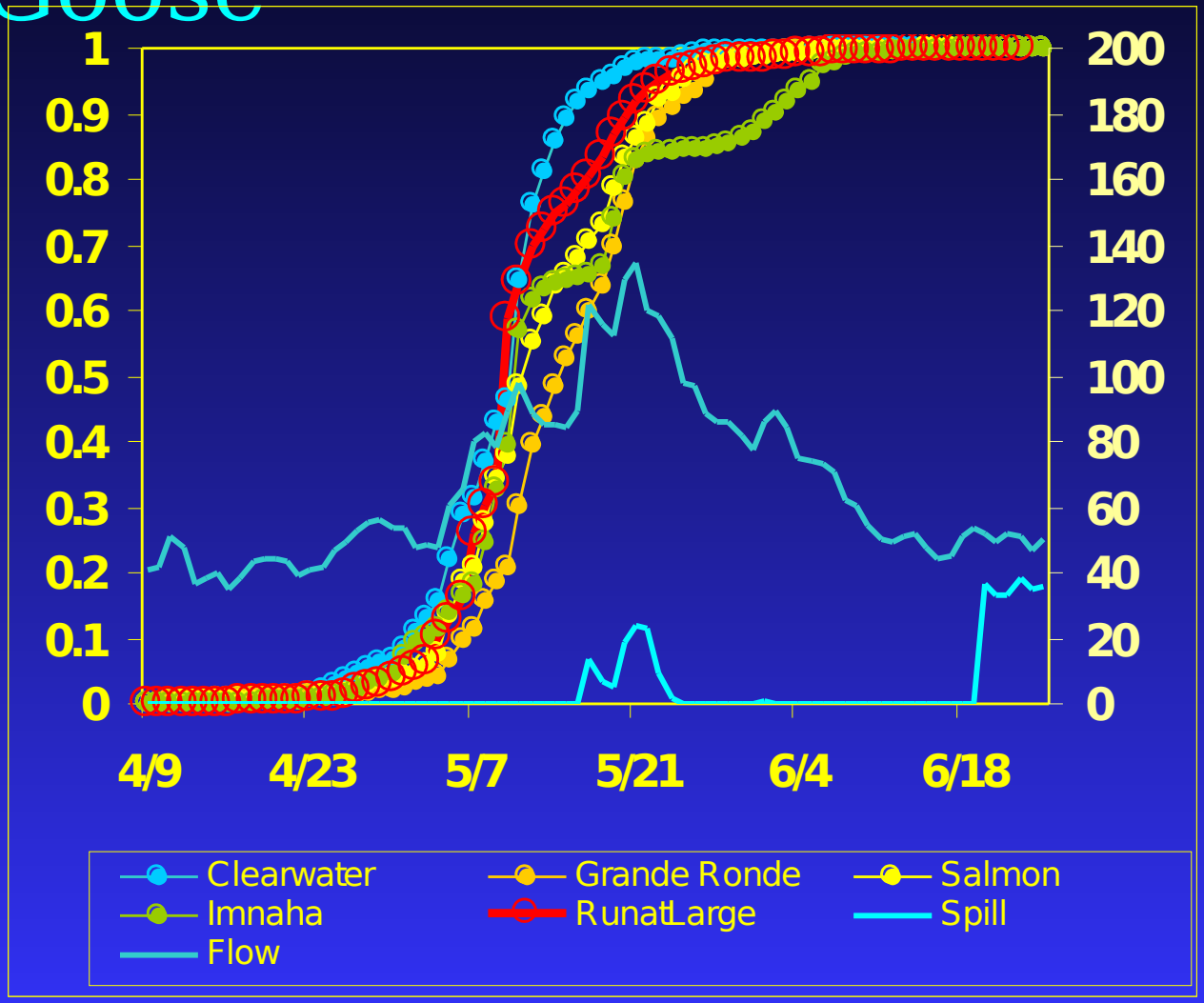
Survival of Wild Steelhead from Traps to LGR



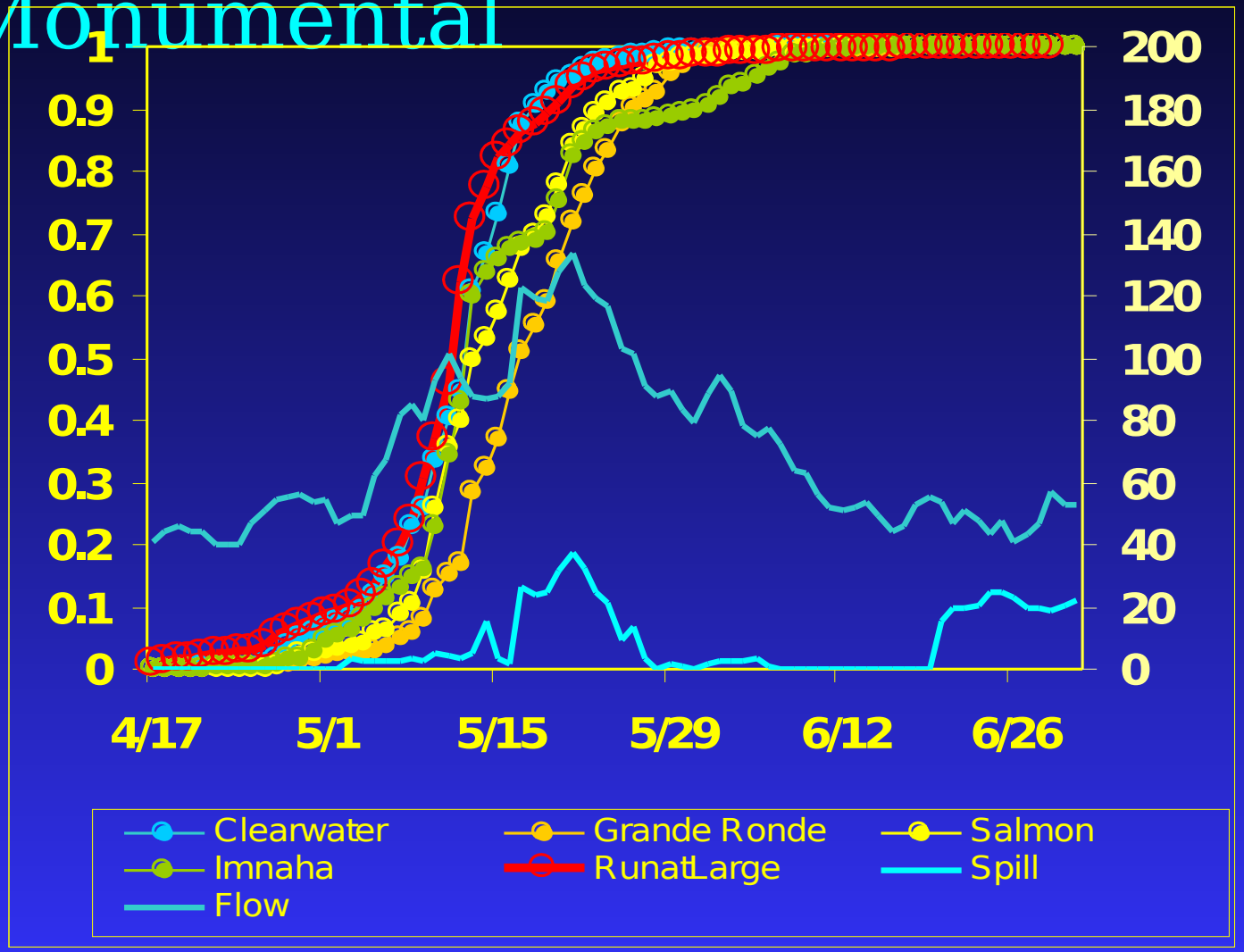
Steelhead Timing at Lower Granite



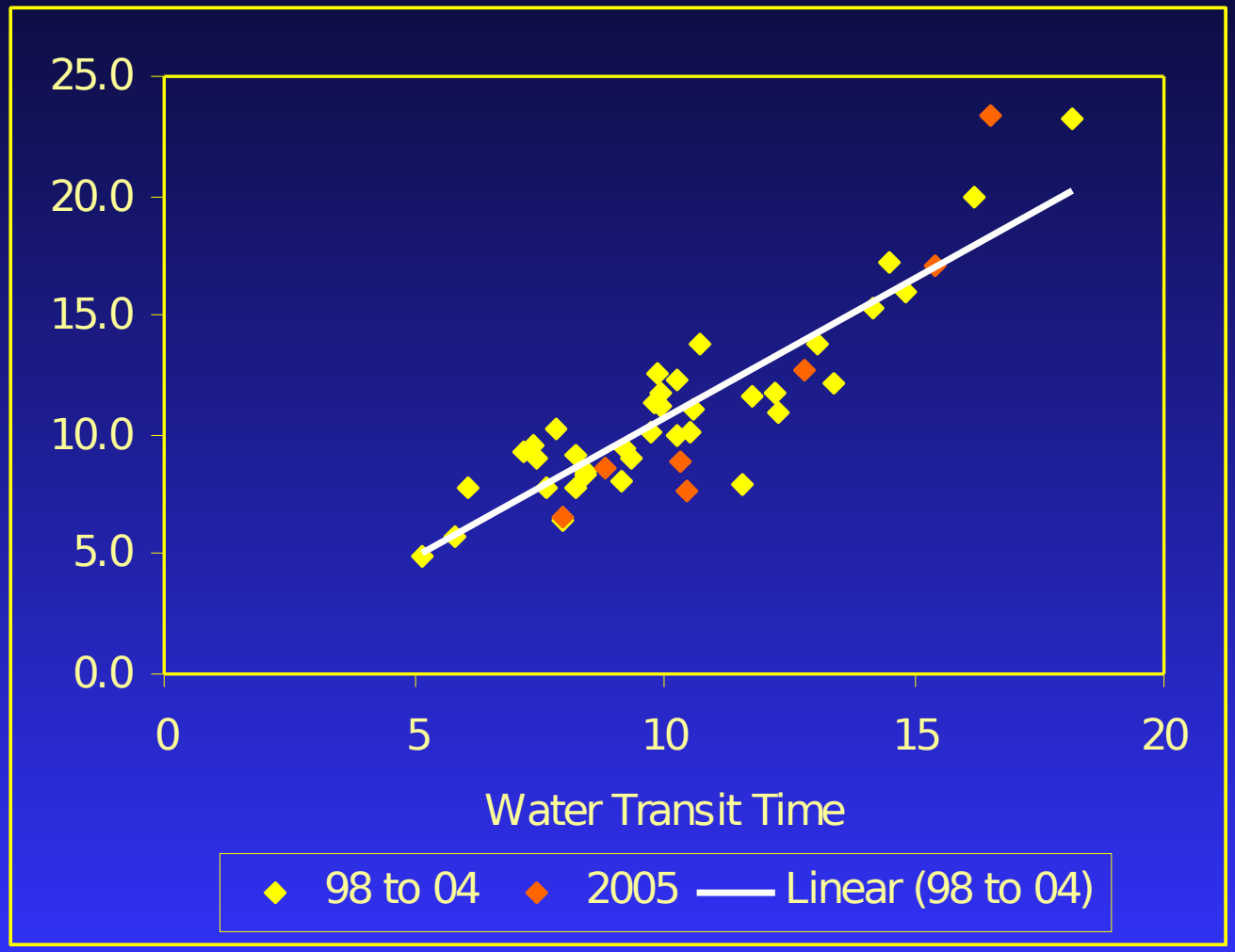
Steelhead Timing at Little Goose



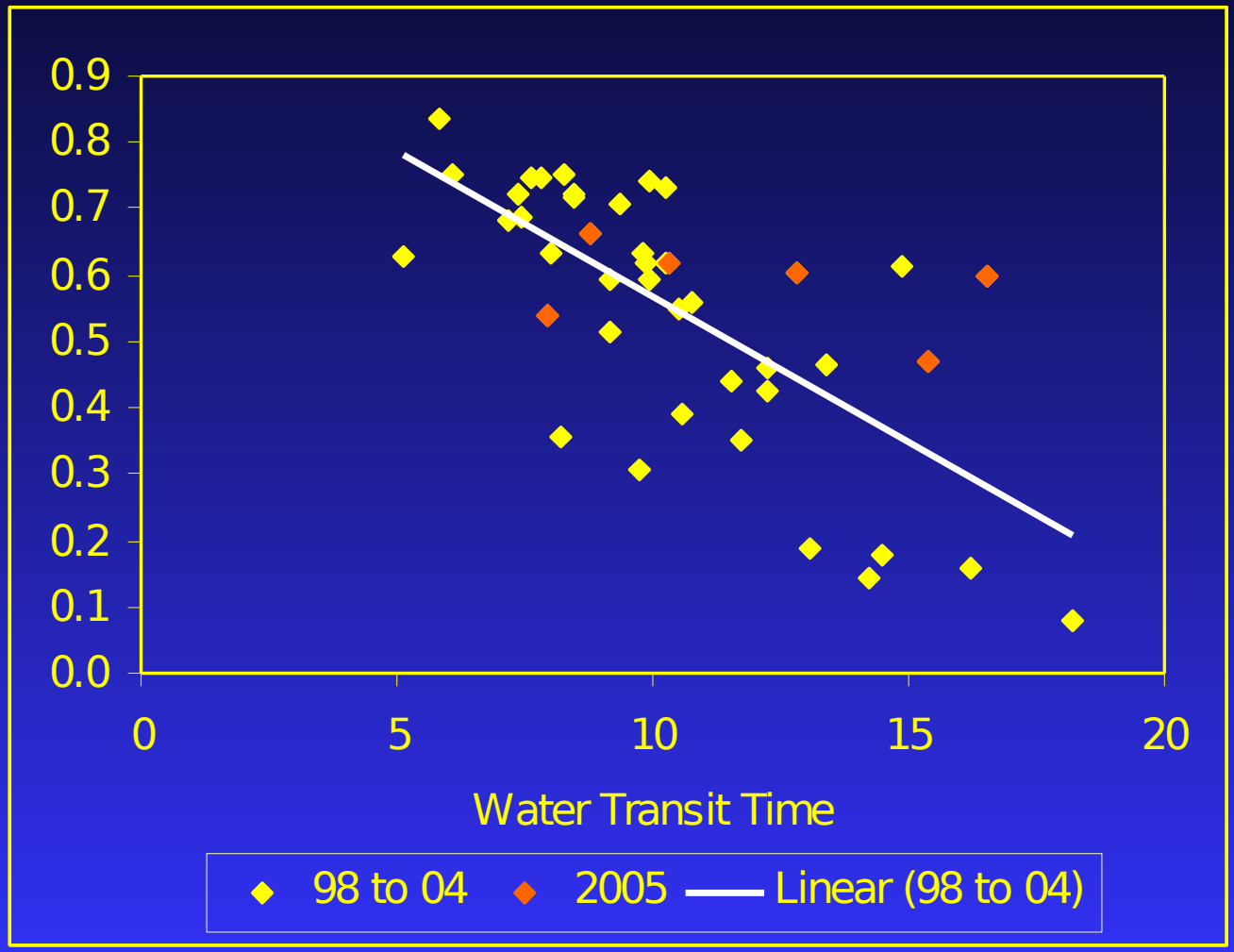
Steelhead Timing at Lower Monumental



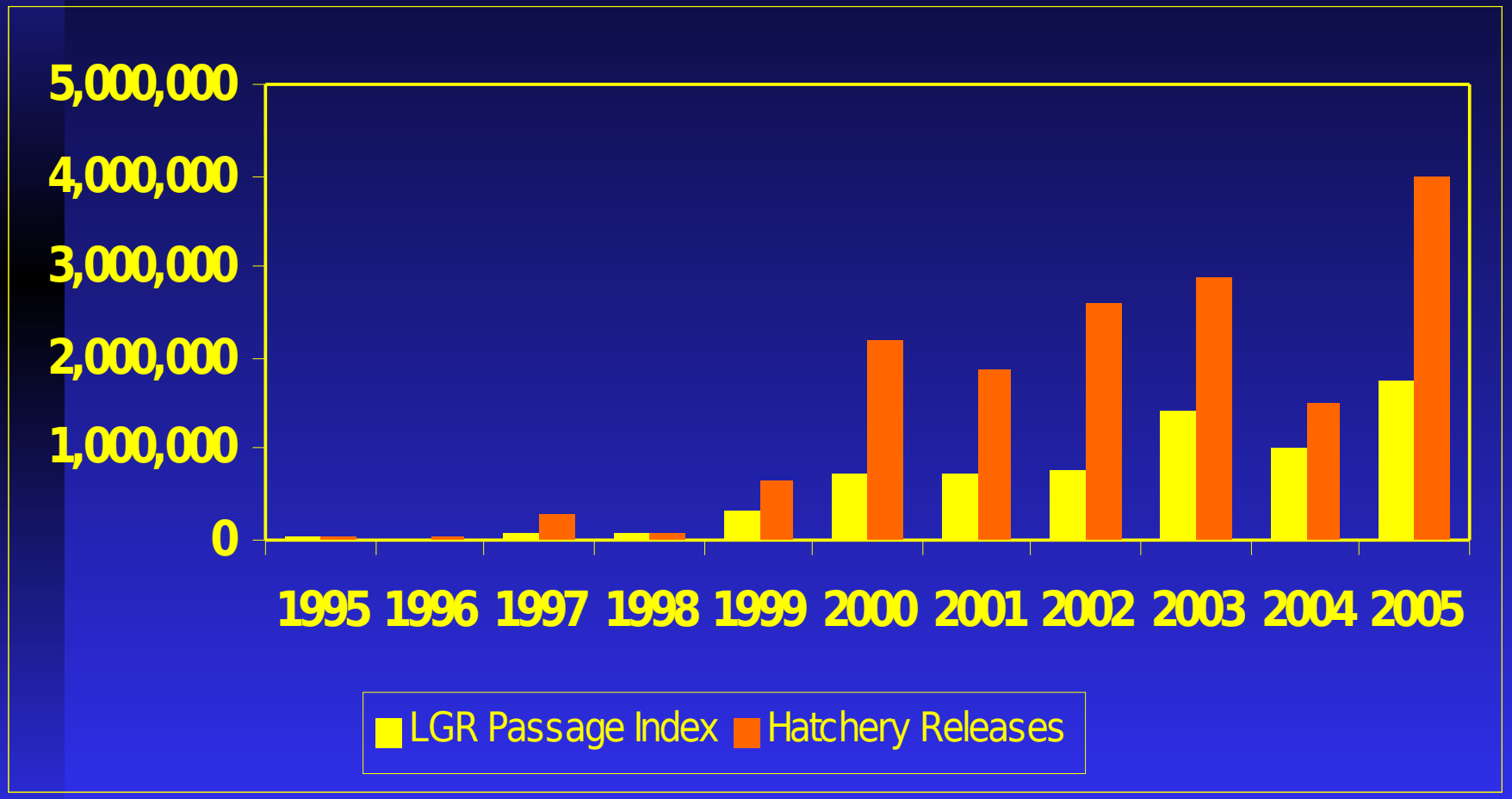
Travel Time LGR to MCN for Steelhead ‘98 to ‘04 and 2005



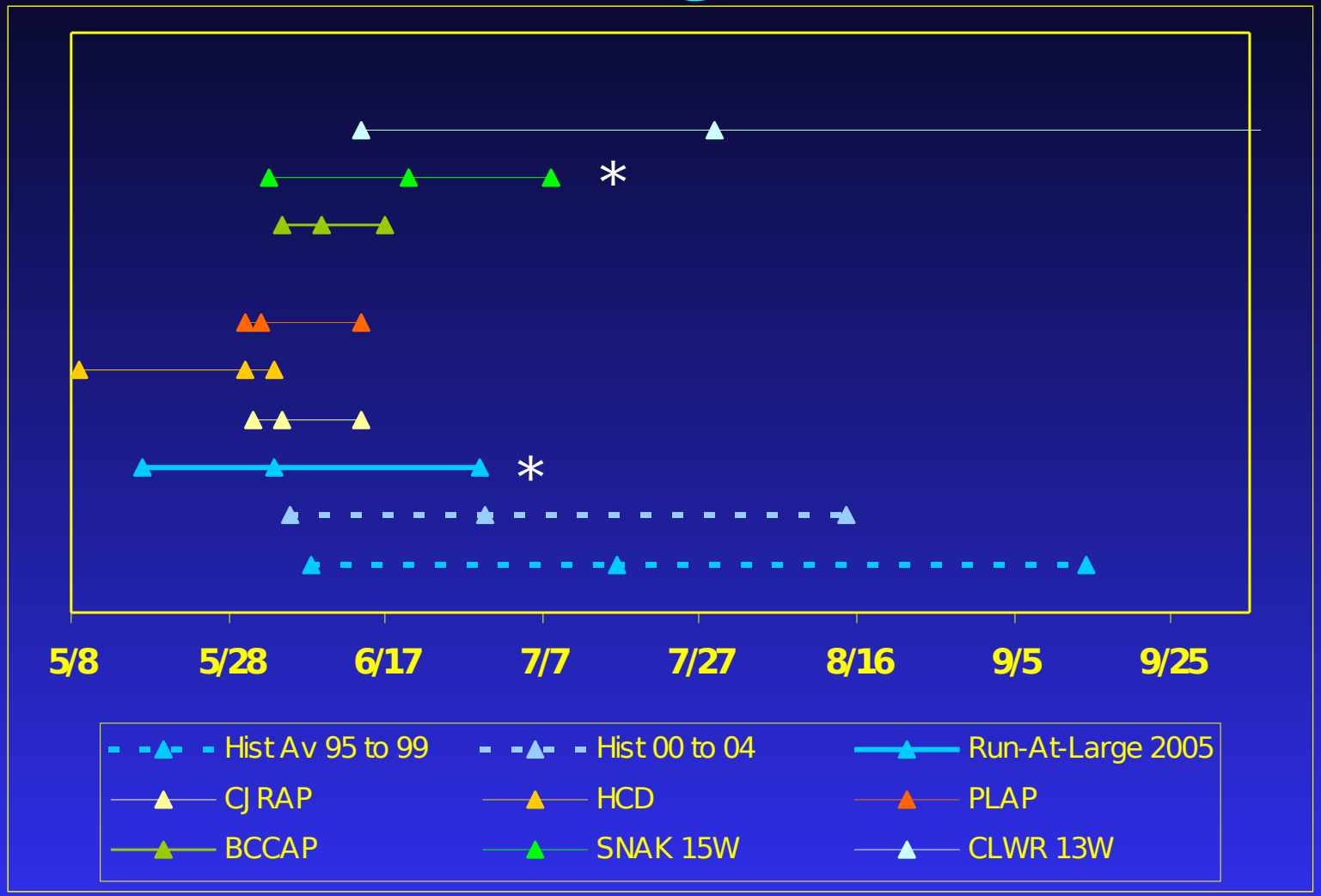
Survival LGR to MCN for Steelhead ‘98 to ‘04 and 2005



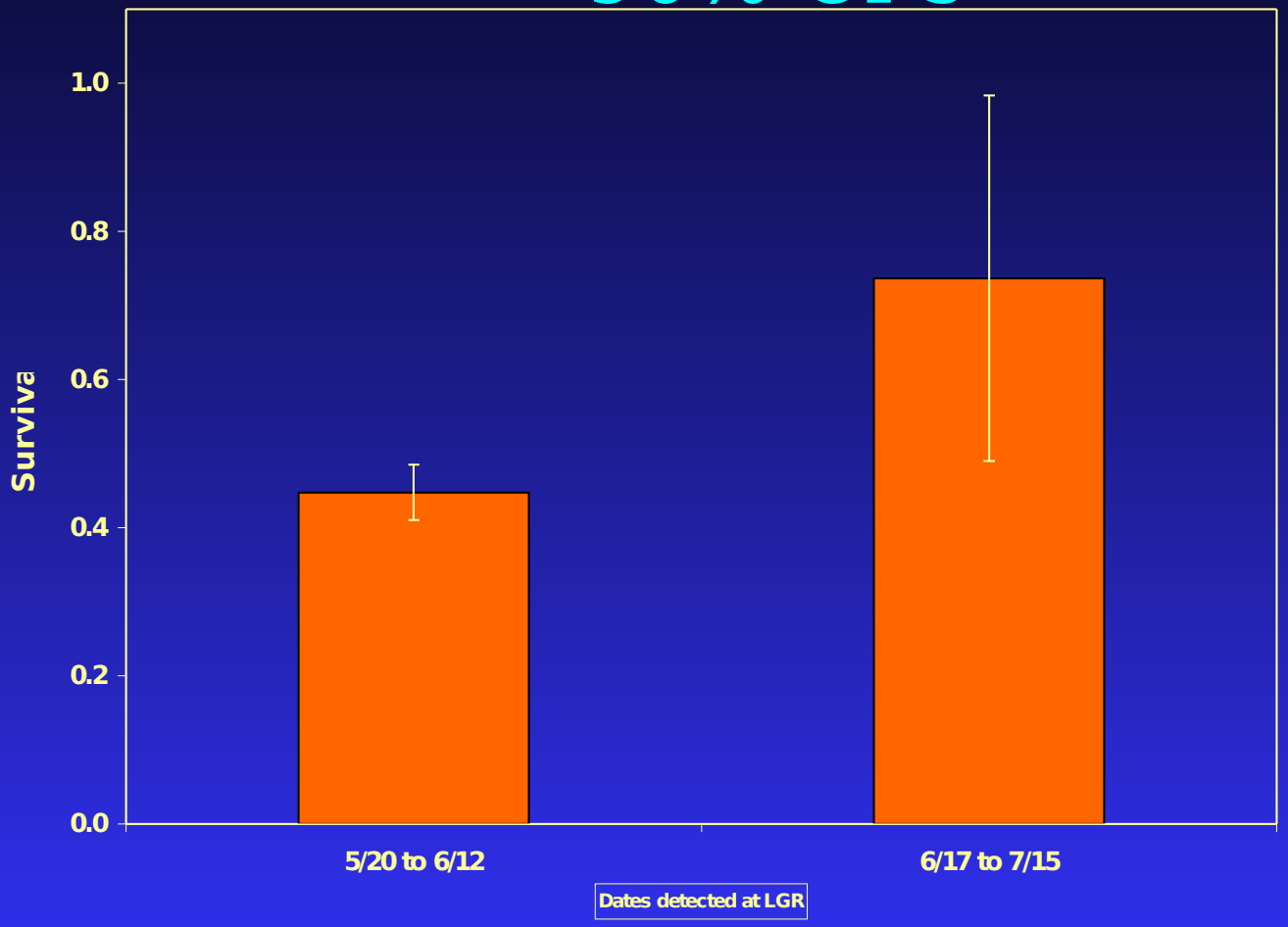
Hatchery/Supplementation Releases of Subyearling Chinook above LGR



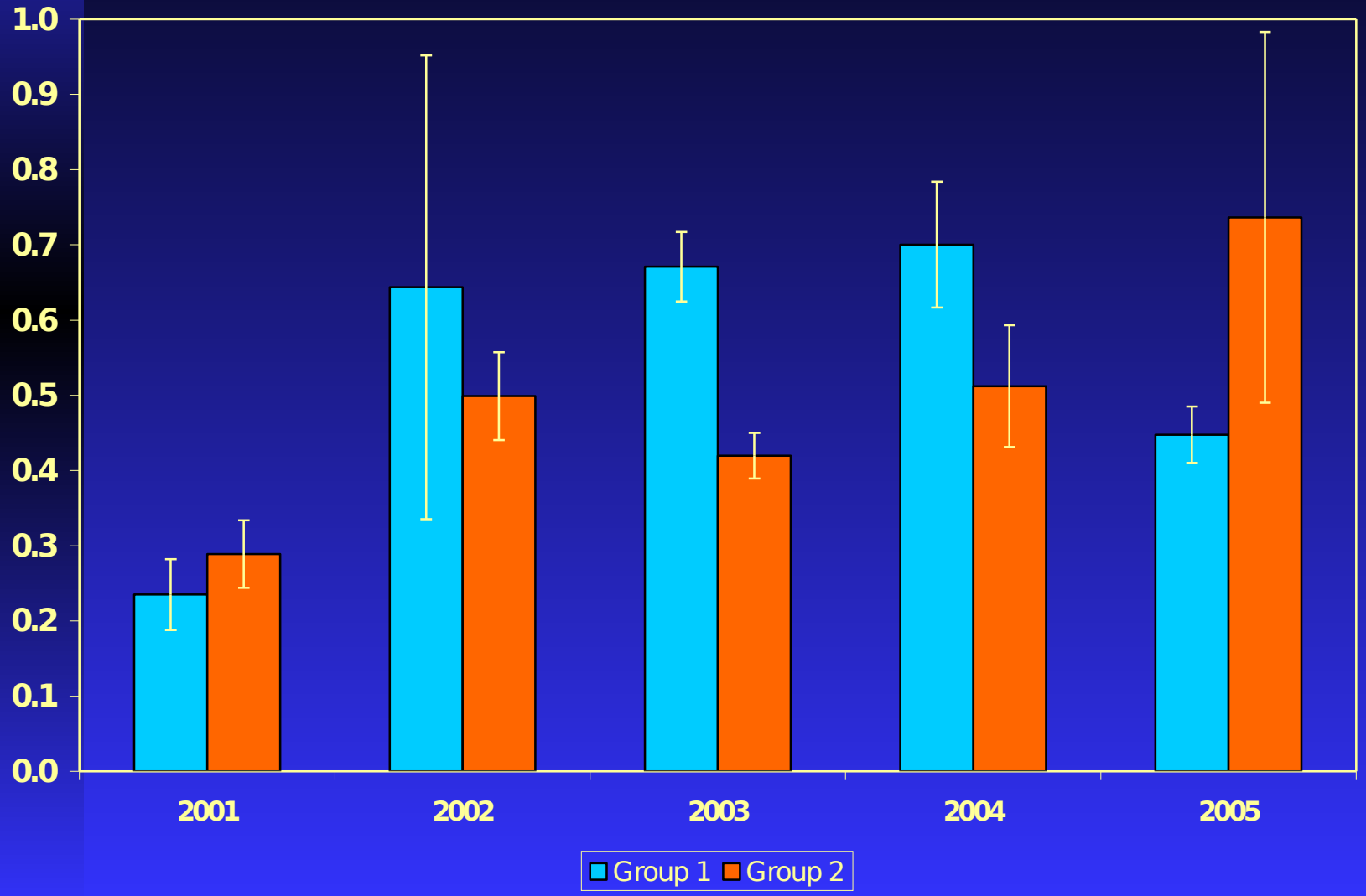
Subyearling Chinook Timing at LGR



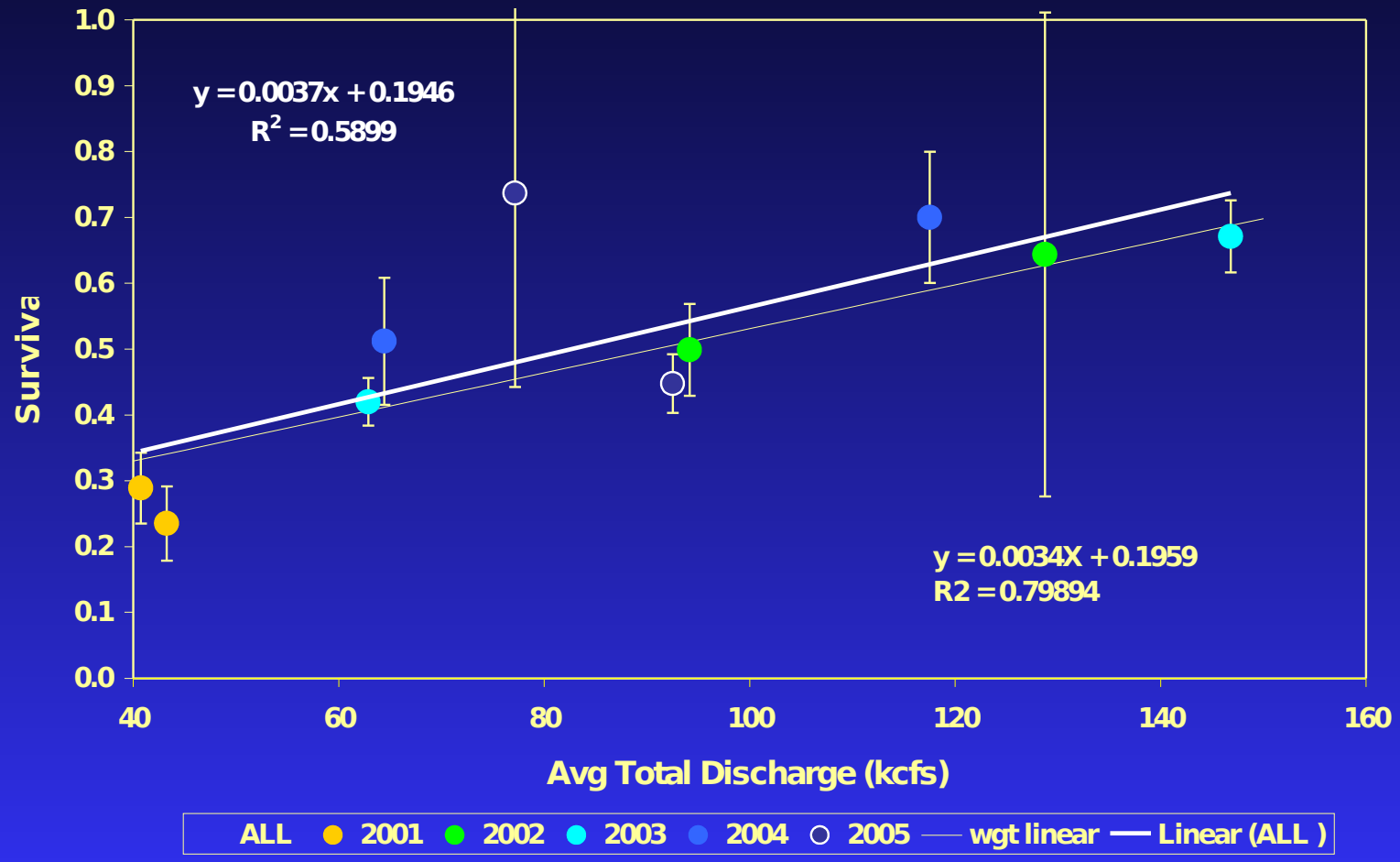
Survival LGR to McN for Subyearling Chinook before and during summer spill in 2005 with 90% CI's



Survival for Subyearling Chinook LGR to McN 2001 to 2005 with 90% CI's



Subyearling Chinook Survival vs Avg Total Q LGS, LMN, IHR, McN



Subyearling Chinook Survival vs Avg Spill Pct LGS, LMN, IHR, McN